CLAIMS

What is claimed is:

1. A transflective liquid crystal device comprising:

a first substrate having first transparent electrodes on a surface thereof;

a second substrate having second transparent electrodes on a surface thereof, the second transparent electrodes opposing the first transparent electrodes; and

a liquid crystal layer held between the first substrate and the second substrate,

wherein the first substrate includes:

a light-reflecting layer defining reflective display regions in pixel regions where the first transparent electrodes oppose the second transparent electrodes and transmissive display regions in the regions of the pixel regions other than the reflective display regions;

a thickness-adjusting layer setting the thickness of the liquid crystal layer in the reflective display regions to be smaller than the thickness of the liquid crystal layer in the transmissive display regions; and the first transparent electrodes, in that order, in the upward direction, and

wherein slopes are formed in the thickness-adjusting layer at a transition between each reflective display region and transmissive display region; and

edges of the light-reflecting layer adjacent the transmissive display regions are substantially aligned with bottom edges of the slopes of the thickness-adjusting layer.

2. A transflective liquid crystal device according to Claim 1, wherein the overlapping sides defining the pixel region and the transmissive display region are adjacent to the reflective display region of an adjacent pixel region.

3. A transflective liquid crystal device according to Claim 1, further comprising reflective-display color filters in the reflective display regions and transmissive-display color filters, which are colored more strongly than the reflective-display color filters, in the transmissive display regions.

4. A transflective liquid crystal device according to Claim 3, wherein, at the transitions between the reflective display regions and the transmissive display regions, a portion of the transmissive-display color filters substantially overlap with a portion of the light-reflecting layer in plan view.

5. A transflective liquid crystal device according to Claim 3, wherein, at the transitions between the reflective display regions and the transmissive display regions, overlaps are formed by depositing at least two layers having different colors and forming at least one of the reflective-display color filters and the transmissive-display color filters.

6. A transflective liquid crystal device according to Claim 1, wherein the slopes of the thickness-adjusting layer at the transitions between the reflective display regions and the transmissive display regions have a width of 8 μm or less.

7. A transflective liquid crystal device according to Claim 1, wherein a twist angle of liquid crystal in the liquid crystal layer is 90° or less.

8. An electronic apparatus comprising a transflective liquid crystal device as set forth in Claim 1.